

Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 239459US0		SERIAL NO. 10/602,614	
<div style="position: relative; width: 100px; height: 100px; margin: 0 auto;"> <div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; border: 1px solid black; border-radius: 50%; text-align: center; line-height: 100px;"> OTPE OCT 02 2006 PATENT &amp; TRADEMARK OFFICE </div> </div>				APPLICANT Yukihiro NAKANO, et al.			
				FILING DATE June 25, 2003		GROUP 1714	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CS ↓	AA	2002/0077385 A1	6/20/2002	Toshiyuki MIYABAYASHI	X	X	
	AB	2004/0024085 A1	2/5/2004	Takakiro ISHIZUKA, et al.			
	AC	2005/0261395 A1	11/24/2005	Takakiro ISHIZUKA, et al.			
	AD						
	AE						
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	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION		
					YES	NO	
CS ↓	AO	56-147868	11/17/1981	Japan (with partial English translation)	X		
	AP	2001-123097	5/8/2001	Japan ( <del>with corr. WO 01/30924 A1</del> )		X	
	AQ	WO 01/30924 A1	5/3/2001	WIPO (with English abstract)		X	
	AR	2002-347338	12/4/2002	Japan ( <del>corr. 2002/0077385 A1</del> )		X	
	AS	6-136311	5/17/1994	Japan ( <del>corr. US 5,272,201 previously submitted</del> )		X	
	AT	2003-221521	8/8/2003	Japan ( <del>corr. US 2004/0024085 A1 and US 2005/0261395 A1</del> )		X	
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
	AW						
	AX						
	AY						
	AZ						<input type="checkbox"/> Additional References sheet(s) attached
Examiner <u>/Callie Shosho/</u>					Date Considered <u>02/12/2007</u>		
<small>*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							